

# Fisheries Information System (FIS)

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## Roadmap Near Term Priorities

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National Marine Fisheries Services  
Office of Science & Technology  
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# Roadmap Near Term Priorities

**FIS GOAL #1. Facilitate coordination and communication in the design, collection, sharing and uses of data among states, regional / state repositories, and NMFS to support fisheries stewardship.**

**Objective:** Develop initial data collection and usage inventory document by December 2004.

**Objective:** Analyze data collection gaps and develop gap analysis document by the end of December 2005

**Objective:** Develop budget initiative for FY 07

- analyze data usage and reports for major activities from each region and center.
- document top level data collection process
- describe major types of data collected by each organization along with data producer, owner and user.

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**FIS GOAL #2. Consolidate information under existing state, federal, and international fisheries management plans.**

**Objective:** Develop Unified National Vessel Registration System by the end of FY06.

**Objective:** Develop national data reconciliation system by the end of FY06.

- resolve access issues to data at the individual identifiable level
- Investigate vessel ownership registration by state and request access to the information
- develop a framework for matching fisheries management expectations with data collection capabilities, i.e., permits, dealer reporting, and observer program.



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**FIS GOAL #3. Build cross-regional and national tools to support data collection and metadata activities at the Regions and Centers.**

**Objective: Metadata team complete development of the national metadata catalog system by the end of calendar year 2004.**

**Objective: Develop FIS core data element requirements by the end of FY2005.**

**Objective: Enter data elements to the national catalog system by the end of FY2005.**

- **inventory data collection techniques before identifying tools (see goal 1).**
- **metadata collection should also include information about the type of data, data owner, data history, data usage, etc.**
- **identify commonalties in business practices and needs across regions; minimum required data sets, etc.**
- **Identify FIS core data elements.**

**9/15/2004 Package tools identified along with past procedures.**

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**FIS GOAL #4. Develop a unified electronic data management system that provides information about fisheries across NMFS Regions and partnerships.**

**Objective:** Develop a unified ready to use information management system by end of FY08.

- **Create regional FIS groups with a leader in each region.**
- **Identify POC for each region / center.**
- **Establish procedures for how science centers and regions work together.**
- **Develop an outreach and communication plan.**
- **Develop demo projects to demonstrate FIS functionality.**

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**FIS GOAL #5. Expand data collection to meet future needs.**

**Objective:** Develop a unified ready to use information management system by end of FY08.

- **Create regional FIS groups with a leader in each region.**
- **Identify POC for each region / center.**
- **Continue activities identified by the DCD PSG.**
- **Development of an outreach and communication plan.**



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**FIS GOAL #6. Improve data quality by avoiding duplication and unnecessary redundancy in data collection.**

**Objective:** Develop initial data collection and reporting tool document by December 2004.

**Objective:** Identify duplicate collection and reporting tools and develop redundancy document by the end of December 2005.

- Distill the Data Quality Act and distribute to FIS partners.
- Create criteria to evaluate data quality in data collections.
- Develop criteria for identifying and eliminating overlaps in current data collections.

# Questions

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